

Dec. 20th.

Vice President BRIDGES in the Chair.

Seventeen members present.

The following papers were presented for publication and referred to committees.

"Catalogue of the Cold-blooded Vertebrata of Michigan." By E. D. Cope.

"Descriptions of six new Western Asiatic Unionidae." By Isaac Lea.

"Notes on some species of Birds from South America." By John Cassin.

Dec. 27th.

Mr. JEANES, in the Chair.

Twenty-eight members present.

On report of the respective Committees, the following papers were ordered to be published.

Partial Catalogue of the Cold-blooded VERTEBRATA of Michigan.

Pt. I.

BY PROF. E. D. COPE.

The material whence the present synopsis is derived, is a collection sent to me by Prof. Manly Miles, of Lansing, composed of specimens belonging to the Flint Scientific Institute, to the State Agricultural College, and to the State Collection. As we have but few exact synopses of local collections made at the Northwest, it is hoped the following list may prove of value in indicating the general character of this part of the fauna.

DERMOPTERI.

*Ichthyomyzon argenteus* Gird. *Petromyzon* Kirtland.

GANOIDEI.

*Lepidosteus huronensis*. Numerous specimens. Saginaw Bay.

*Lepidosteus oculatus* Winchell. Pr. Ac. Nat. Sci., 1864. Duck Lake, Calhoun Co.

*Amia calva* L. Specimens with and without the caudal ocellus.

TELEOSTEI.

NEMATOGNATHI.

*Ictalurus gracilis* Gill. *Pimelodus gracilis* Hough.

A specimen with narrower head and larger eye than the *caerulescens* assigned to the above species with doubt, on account of the very imperfect descriptions given.

*Ameiurus cupreus*. Oakland Co.

Although Prof. Gill has assigned not more than nine branchiostegals to this genus, and I find ten in five specimens, and though Prof. Kirtland gives an

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